

PATENT ABSTRACTS OF JAPAN

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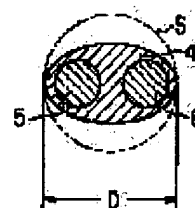
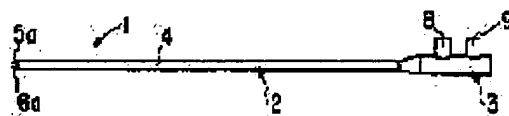
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(54) BIPOLAR COAGULATION ELEMENT

(57)Abstract:

PROBLEM TO BE SOLVED: To prevent the deterioration of draining ability by forming the cross-sectional area of an insertion part main body to be smaller than the area of a circle formed by setting a longest chord in the cross-sectional shape of the insertion part main body to be a diameter in a bipolar solidifier with the insertion part main body for inserting into a celom through a channel.

SOLUTION: This bipolar coagulation element 1 is provided with an insertion part 2 and a connector part 3 connected with its base tip part, and the main body 4 of the insertion part 2 is formed by covering two conductor electrodes 5 and 6 with electrically insulated external skins. In addition the connector part 3 is provided with two terminals 8 and 9 for being respectively continued with the electrodes 5 and 6 to be connected to a high frequency power source. In this case the cross sectional shape of the main body 4 is made an ellipse and the length of its longest chord in (the length of a long axis) D is made shorter than the channel diameter of an endoscope to which the solidifier is inserted. Thereby, at the time of sending draining liquid through the channel of the endoscope, a large gap is formed between with the channel to secure a large draining quantity.



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